

High Voltage Substations

Earthing and Short - Circuit Equipment

SAFETY CATALOGUE



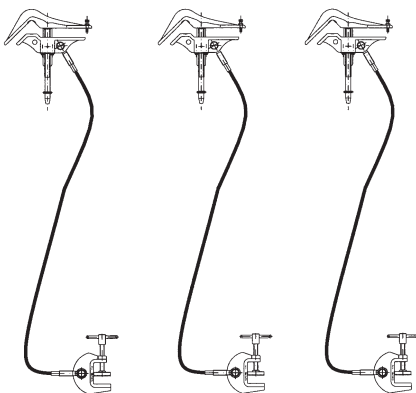
High voltage substations

Mod. PATC-TMC

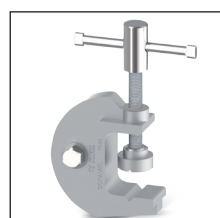
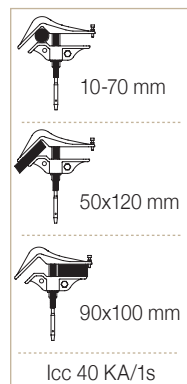
Phase earthing and short-circuit equipment for high voltage substations.

The main aim for its installation is operator's protection against an accidental commissioning or possible voltage return during repair operations.

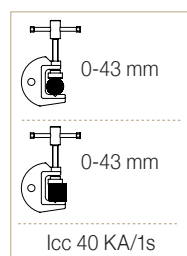
According to IEC 61230 standard.



TMC
High voltage clamp



TT-50
Earthing lathe



Composed of:

- 3 TMC aluminium alloy clamps with screw tighten for cylindrical conductors with diameter between 10 and 70 mm, flat bars max. 90 x 100 mm and bending bus-bars max. 50 x 120 mm.
- 3 copper cables with PVC insulation. Section and length depending on model.
- 3 TT-50 milling earthing lathe.
- 3 nylon bags to store and transport the equipment.

Code	Ref.	Cable section (mm ²)	Length (m)	Short circuit current Max. ICC
675176	PATC-TMC/05006		6	
675177	PATC-TMC/05007		7	
675178	PATC-TMC/05008	50	8	12 KA/1s
675179	PATC-TMC/05009		9	
675180	PATC-TMC/05010		10	
675186	PATC-TMC/07006		6	
675187	PATC-TMC/07007		7	
675188	PATC-TMC/07008	70	8	19 KA/1s
675189	PATC-TMC/07009		9	
675190	PATC-TMC/07010		10	
675196	PATC-TMC/09506		6	
675197	PATC-TMC/09507		7	
675198	PATC-TMC/09508	95	8	25 KA/1s
675199	PATC-TMC/09509		9	
675200	PATC-TMC/09510		10	
675206	PATC-TMC/12006		6	
675207	PATC-TMC/12007		7	
675208	PATC-TMC/12008	120	8	30 KA/1s
675209	PATC-TMC/12009		9	
675210	PATC-TMC/12010		10	

IEC 61230